



This project needs to use the motor driver board as the Arduino does not put out enough current to drive the motor.

Use "MOTOR-A", OR "MOTOR-B", not a combination of both. Make sure to connect the VCC (+ve) and GND (-ve).

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```

        setup
        int = variable waterIn
            value 4
        int = variable waterOut
            value 5
        int = variable soap
            value 6
        int = variable standby
            value 7
        int = variable fwd
            value 8
        int = variable rev
            value 9
        int = variable button
            value 11

        loop
        digitalWrite() # standby
            HIGH

        test
        digitalRead() # button = LOW
        while
        delay ms milliseconds 10
        delay ms milliseconds 200
        digitalWrite() # standby
            LOW

        program
        Fill
        Commands
        digitalWrite() # waterIn
            HIGH
        delay ms milliseconds 4000
        digitalWrite() # waterIn
            LOW

        SoapIn
        Commands
        digitalWrite() # soap
            HIGH
        delay ms milliseconds 1000
        digitalWrite() # soap
            LOW

        Drain
        Commands
        digitalWrite() # waterOut
            HIGH
        delay ms milliseconds 4000
        digitalWrite() # waterOut
            LOW
    
```

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